Index of Claims

Application/Control No.

10/620,318 Examiner

Scott Kastler

Applicant(s)/Patent under Reexamination

COOPER, PAUL V.

Art Unit

1742

✓ Rejected= Allowed

\_\_ (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Claim Data |          |      |        |          |           |          | Ci        | Claim Date |          |          |          |          |          |          |          |           | Claim Date         |           |               |          |           |          |          |                 |        |           |  |                 |          |               |   |
|------------|----------|------|--------|----------|-----------|----------|-----------|------------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|-----------|---------------|----------|-----------|----------|----------|-----------------|--------|-----------|--|-----------------|----------|---------------|---|
| Claim Date |          |      |        |          |           | $\vdash$ | Cic       | Date       |          |          |          |          |          |          |          | Ci        | 2011               | Date      |               |          |           |          |          |                 |        |           |  |                 |          |               |   |
| Final      | Original | 3/05 |        |          |           |          |           |            |          |          | Finat    | Original |          |          |          |           |                    | :         |               |          |           | Final    | Original |                 |        |           |  |                 |          |               |   |
|            | 1        | 7    | +      | +        | ╁         | ╁        | ╁╌        | $\vdash$   | +        | $\vdash$ | -        | 51       |          | $\vdash$ | -        | $\dashv$  | +                  | $\dashv$  | $\dashv$      | $\dashv$ | $\dashv$  |          | 101      |                 | +      | +         | ┢╌   |                 | $\dashv$ | $\dashv$      |   |
| <u> </u>   | 2        | f    | ╁      | +        | t         | +-       | ╁╌        | ╁          | ╁        | $\vdash$ |          | 52       | -        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$           | $\dashv$  | $\dashv$      | $\dashv$ | -         |          | 102      |                 | +      | ╁         | 1  | $\vdash$        | _        |               | _ |
|            | 3        | H    | +      | +        | +         | +-       | +         | +          | +        | H        | -        | 53       | -        | Н        | -        |           | -                  | 十         | $\dashv$      | -+       |           |          | 103      | -+              | ╁      | +         | <del> </del>                                     | $\vdash$        | -        | $\dashv$      |   |
|            | 4        | ┨    | +      | ╁        | ╁         | +        | +-        | ╁          | +        | Н        |          | 54       | -        |          | _        |           |                    | 十         | -             | $\dashv$ | $\dashv$  |          | 104      | $\vdash \vdash$ | +      | +         | <del>                                     </del> | Н               | _        | $\dashv$      | - |
|            | 5        | H    | +      | ╁╌       | +         | ╁╴       | +         | $\vdash$   | +        | Н        |          | 55       |          |          | 寸        | $\dashv$  | $\dashv$           | $\dashv$  | _             | $\dashv$ | $\dashv$  | -        | 105      |                 | ╁      | +         | 1-   | $\vdash$        | -        | $\dashv$      | _ |
|            | 6        | Н    | ╁      | t        | +         | +        | +-        | ╆┈         | +-       | H        |          | 56       | -        | $\dashv$ | $\dashv$ | $\dashv$  | -                  | $\dashv$  | $\dashv$      | -+       |           |          | 106      | $\vdash$        | +      | ╁╴        | ╁  | Н               | ┪        | $\dashv$      | _ |
|            | 7        | H    | +-     | ╁╴       | +         | ╁╴       | ╁         | $\vdash$   | 1        | $\vdash$ |          | 57       | -        | $\dashv$ |          | -         | 7                  | $\dashv$  | +             | -        | $\dashv$  |          | 107      |                 | ╅      | +-        | ┢  | $\vdash$        | ┪        | $\dashv$      | _ |
| -          | 8        | Н    | ╁      | t        | +         | +        | +-        | +-         | 1        | H        | -        | 58       |          |          | $\dashv$ | ┪         | _                  | $\dashv$  | 7             | $\dashv$ | -         | -        | 108      |                 | +      | +         |  | Н               | -        | $\dashv$      |   |
| $\vdash$   | 9        | H    | +      | ┪        | $\dagger$ | +        | $\dagger$ | H          | $\vdash$ | Н        | -        | 59       | $\neg$   |          |          | $\dashv$  | +                  | $\dashv$  | $\dashv$      | $\dashv$ | _         |          | 109      | $\vdash$        | +      | +         | $\vdash$   | Н               | $\dashv$ | $\dashv$      | _ |
|            | 10       | H    | +      | +        | +         | +        | +         | $\vdash$   | $\vdash$ | Н        | 1        | 60       |          | -        | $\dashv$ | $\dashv$  | $\dashv$           | _         | $\dashv$      | $\dashv$ | $\dashv$  |          | 110      | $\vdash$        | +      | +         |  | Н               | $\dashv$ | $\dashv$      | _ |
|            | 11       | Ħ    | +      | ┿        | +-        | +        | +         | $\vdash$   | $\vdash$ | Н        | <b> </b> | 61       | $\neg$   |          |          | $\dashv$  |                    | $\dashv$  | $\dashv$      | $\dashv$ | $\exists$ |          | 111      | $\top$          | +      | $\dagger$ | $\vdash$   | Н               | $\dashv$ | -+            | _ |
|            |          | 7    | T      | t        | T         | T        | T         |            | T        | H        | -        | 62       |          |          | +        | $\dashv$  | $\dashv$           | -         | +             |          |           | -        | 112      | $\vdash$        | 十      | +         |  | Н               | $\dashv$ | +             | _ |
|            | 13       | v    | 4      | Ť        | T         | †        | +         | 1          | T        | H        | <b></b>  | 63       | $\vdash$ |          | 7        | 寸         | $\dashv$           | $\neg$    | $\dashv$      | -+       | $\dashv$  | <b>—</b> | 113      | $\vdash$        | 十      | +         | <u> </u>   | H               | +        | $\dashv$      | _ |
|            | 14       | 1    | +-     | †        | T         | †        | T         | $\vdash$   | $\vdash$ | H        |          | 64       |          |          | _        | _         | -                  | $\dashv$  | $\dashv$      | -+       | 一 .       |          | 114      | $\dashv$        | +      | +         | <del>                                     </del> | $\vdash \vdash$ | $\dashv$ | +             | _ |
|            | 15       | 1    | 1      | T        | T         | 1        | T         | T          | 1        | $\Box$   |          | 65       |          | $\vdash$ | 7        | 寸         | 7                  | 十         | $\dashv$      | 一        | $\dashv$  |          | 115      | $\neg \vdash$   | 十      | T         | <del>                                     </del> | $\vdash$        | 7        | 十             | _ |
|            | 16       | Ħ    | T      | T        | T         | t        | 1         | $\vdash$   |          | Н        | <b> </b> | 66       |          |          | _        | _         | 7                  | $\neg$    | _             | ┪        |           |          | 116      |                 |        | †         | _  | $\vdash$        | _        | $\dashv$      |   |
|            | 17       | Ħ    | T      | T        | 1         | t        | 1         | 1          |          | Н        |          | 67       |          |          | 寸        | $\neg$    | 一                  | $\dashv$  | $\dashv$      | 寸        | _         |          | 117      |                 | $\top$ | T         |  | П               | $\neg$   | $\neg$        | _ |
|            | 18       | Ħ    | †      | t        | 1         | T        |           | t          |          |          |          | 68       |          |          | $\dashv$ | 寸         | $\dashv$           | $\neg$    | $\top$        | _        |           |          | 118      |                 | $\top$ | ╁         |  | П               | $\dashv$ | $\top$        | _ |
|            | 19       | H    | 1      | 十        | $\top$    | T        | 1         | t          |          |          |          | 69       |          |          | $\dashv$ | 寸         | 寸                  | $\dashv$  | $\dashv$      |          |           |          | 119      |                 | Ť      | T         | Г  |                 | $\dashv$ | $\top$        | _ |
|            | 20       | Ħ    |        |          | ✝         | t        |           |            |          |          |          | 70       |          |          | 7        | $\neg$    | $\neg$             | $\neg$    | $\dashv$      |          | _         | -        | 120      |                 | $\top$ | +-        |  |                 | 寸        | _             | _ |
|            | 21       | H    | $\top$ |          | T         | T        |           | <u> </u>   |          |          |          | 71       |          |          | $\dashv$ | 7         | 7                  | 7         | _             | $\neg$   |           |          | 121      | _               | +      | †         | <del>                                     </del> |                 | _        | 十             | _ |
|            | 22       | Ħ    | †      | t        | 1         | 1        | 1         | 1          | $\vdash$ | П        |          | 72       |          | ヿ        | 一        | 7         | ┪                  | $\dashv$  | $\dashv$      | $\neg$   | _         |          | 122      |                 | ╅      | $\top$    | Г  | $\vdash$        | 寸        | 十             | _ |
|            | 23       | ı    | 1      | 1        | 1         | 1        | t         |            | ļ .      | П        |          | 73       |          | 寸        | Ħ        | 寸         | 1                  | 十         | T             |          |           |          | 123      |                 | ╈      | $\top$    |  | Н               | $\neg$   | $\dashv$      | _ |
|            | 24       | I    | $\top$ | 1        |           | 1        | 1         | t          | Ħ        | Ħ        |          | 74       |          | 寸        | _        | T         | 7                  | 寸         | 1             | 7        |           |          | 124      |                 | 1      | t         |  | H               | T        | $\neg$        | = |
|            | 25       | 1    | T      |          | $\top$    |          | T         |            | <u> </u> | М        |          | 75       |          | _        | $\dashv$ | 寸         | 寸                  | 十         | _             | 寸        | _         |          | 125      |                 | $\top$ | T         |  |                 | 7        |               | _ |
|            |          | 1    | ·   _  | t        | 十         | ╈        | T         |            |          | H        |          | 76       |          | $\neg$   | $\neg$   | 寸         | 寸                  | $\dashv$  | $\dashv$      | 7        |           |          | 126      |                 | 1      | $\top$    | T  | $\Box$          | 寸        | 十             | _ |
|            |          | N    |        | T        | $\dagger$ | _        |           | t          |          | Н        |          | 77       | $\dashv$ | T        | T        | 7         | T                  | 寸         | 7             | 寸        | _         |          | 127      | -  -            | +      | †         | <u> </u>   |                 |          | 十             |   |
|            | 28       | ī    | 1      | T        | $\top$    | T        | <u> </u>  | <u> </u>   |          | П        |          | 78       | $\dashv$ |          |          |           |                    | _         | 7             | 7        | $\neg$    |          | 128      |                 |        | 1         |  |                 |          | 十             | _ |
|            | 29       | T    | 1      | t        | T         | T        | T         | T          |          | П        |          | 79       |          |          |          | _         | $\dashv$           | _         | $\dashv$      | $\dashv$ | _         |          | 129      | $\dashv$        | Т      | $\top$    |  | $\dashv$        | $\neg$   | _             | _ |
|            | 30       | ı    | 1      | 1        | T         | T        | t         | l          | t        | Ħ        |          | 80       | T        | T        |          | T         | T                  | T         | T             |          |           |          | 130      |                 | Ť      |           | <u> </u>   | $\dashv$        |          | $\neg$        | _ |
|            | 31       | Ħ    | T      | $\vdash$ | 1         | T        | T         | T          |          | П        |          | 81       | 寸        |          |          | $\dashv$  | T                  | $\neg$    | $\dashv$      | 寸        | $\neg$    |          | 131      | $\neg$          | ╅╴     | 1         | <b>-</b>   | $\Box$          | 寸        | $\top$        | Т |
|            | 32       | П    | 1      | П        | T         | Т        |           |            |          |          |          | 82       |          |          | -        |           |                    |           |               |          |           |          | 132      |                 | T      |           |  |                 |          | $\neg \vdash$ | _ |
|            | 33       | П    | Т      | T        | Τ         | П        | Τ         | T          |          | П        |          | 83       |          |          |          |           | T                  |           | $\top$        | $\neg$   |           |          | 133      |                 |        |           |  |                 | T        | $\top$        | _ |
|            | 34       |      |        | Г        | Т         | Τ        |           | Γ          | П        |          |          | 84       | 一        |          | $\neg$   | $\dashv$  | $\neg$             | $\top$    | $\neg$        | $\neg$   |           |          | 134      |                 | Τ      | T         |  |                 | $\neg$   | 7             |   |
|            | 35       |      |        |          |           |          |           |            |          |          |          | 85       |          | $\neg$   |          | $\neg$    | $\neg$             | $\top$    |               | $\neg$   | $\neg$    |          | 135      |                 |        |           |  |                 | $\neg$   | $\neg$        | П |
|            | 36       |      |        |          |           |          |           |            | Γ        |          |          | 86       | ı        |          |          |           | $\neg$             |           |               | 7        |           |          | 136      |                 | T      |           |  |                 | $\neg$   | $\neg \vdash$ | ٦ |
|            | 37       | 3    |        |          | Ι         | Γ        | Γ         | L          |          |          |          | 87       |          |          |          |           | $\overline{\cdot}$ |           |               | 丁        |           |          | 137      |                 |        |           |  |                 |          |               | • |
|            | 38       |      |        |          | T         | Γ        |           |            |          |          |          | 88       |          |          |          |           | 寸                  |           |               |          |           |          | 138      |                 |        |           |  |                 |          | $\neg$        |   |
|            | 39       |      | Г      |          |           |          |           |            |          |          |          | 89       |          |          |          |           | $\neg$             |           | $\neg$        |          | $\neg$    |          | 139      | $\neg$          | Τ      |           |  |                 | $\neg$   | $\top$        | П |
|            | 40       |      |        |          |           |          |           |            |          |          |          | 90       |          |          |          | $\Box$    |                    |           | $\neg$        |          | $\neg$    |          | 140      | $\top$          | Τ      |           |  |                 | $\dashv$ | $\neg$        |   |
|            | 41       |      |        |          |           | L        |           | l          | П        |          |          | 91       |          |          | $\neg$   | $\neg$    | $\neg$             | $\top$    | $\neg$        | $\neg$   | $\neg$    |          | 141      | $\neg$          |        |           | П  |                 | ヿ        | $\neg$        | П |
|            | 42       |      |        |          |           |          |           | L          |          |          |          | 92       |          |          |          |           | _                  | _         |               | _1       |           |          | 142      |                 | T      | $\top$    |  |                 | 7        |               | ╗ |
|            | 43       |      |        |          |           |          | $L^{-}$   | $\Box$     |          |          |          | 93       |          |          |          | $\Box$    | $\Box$             | T         |               |          |           |          | 143      |                 |        |           |  |                 |          |               |   |
|            | 44       |      |        |          |           |          |           |            |          |          |          | 94       |          |          | $\Box$   |           |                    |           | $\exists$     | $\Box$   |           |          | 144      |                 |        |           |  | $\neg$          | T        | $\top$        |   |
|            | 45       |      |        |          |           |          |           |            |          |          |          | 95       |          |          |          | $\Box$    |                    |           |               |          |           |          | 145      |                 | Ι      | Γ         |  |                 | $\Box$   |               | I |
|            | 46       |      |        | Ĺ        |           |          | 匚         |            |          |          |          | 96       |          | $\Box$   | $\Box$   | $_{ m T}$ | T                  |           | $\Box \Gamma$ | $\Box$   |           |          | 146      |                 | T      | Г         |  |                 | ╗        |               |   |
|            | 47       |      |        | Ĺ        | L         | Ĺ        |           |            |          |          |          | 97       | $\Box$   |          |          | $\Box$ T  | $\Box$ T           | $_{ m I}$ | $\Box$        |          |           |          | 147      |                 | Ι      | Γ         |  |                 | T        |               |   |
|            | 48       |      |        | Ĺ        |           | L        |           |            |          |          |          | 98       |          |          |          | T         | $\Box$             | $\Box$ T  |               | $\Box$ T |           |          | 148      |                 | Γ      |           |  |                 |          |               |   |
|            | 49       |      |        |          |           |          |           |            |          |          |          | 99       |          |          | $\Box$   | floor     |                    |           |               | $\Box$   |           |          | 149      |                 | Π      |           |  | <u></u>         |          | $\Box$        |   |
| Ш          | 50       |      | L      | L        |           |          |           |            |          |          |          | 100      | $\Box$   |          | . T      | Т         | Т                  | Т         | Т             | Т        | 7         |          | 150      |                 | T      |           |  | Т               | П        |               |   |